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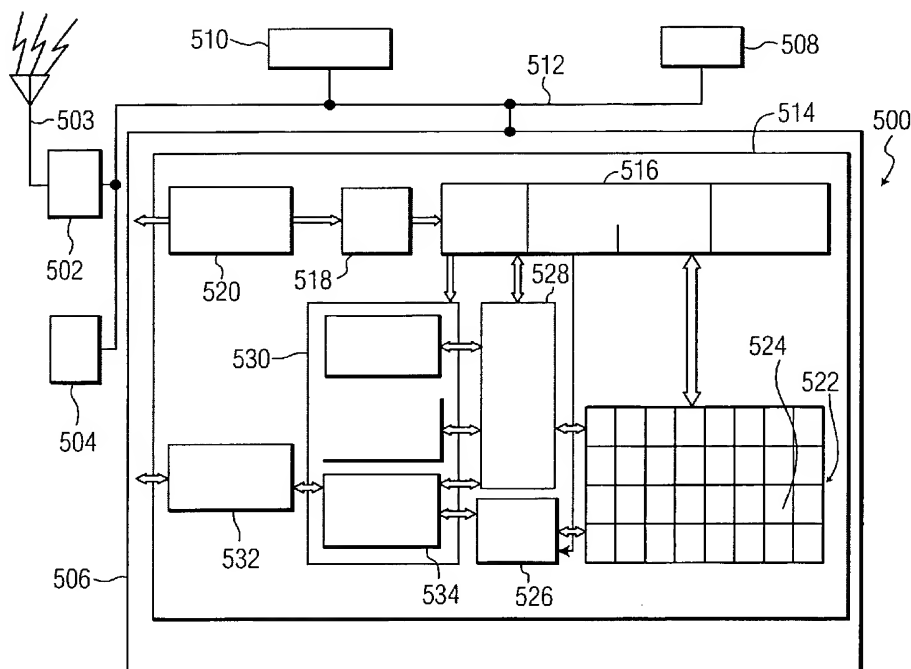
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— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,

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(54) Title: **FOUR-SYMBOL PARALLEL VITERBI DECODER**



(57) Abstract: High-speed decoding with minimal footprint is achieved by parallel, separate, Viterbi decoders each processing a pair of symbols for each trellis. A two-decoder embodiment for a base band chip is utilizable for ultra wideband communication.

WO 2005/099101 A1



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